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TITLE: RUNNING CONTROLLER OF WORKING VEHICLE

PUBN-DATE: September 22, 1994

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APPL-NO: JP05051201

APPL-DATE: March 12, 1993

INT-CL (IPC): G05D 1/02; A01B 69/00; B62D 6/00

ABSTRACT:

PURPOSE: To provide the running controller which executes automatic steering control, while detecting attitude change of a running machine body with high accuracy, and can maintain the attitude of the machine body in its target attitude.

CONSTITUTION: The running controller is constituted so that a deviation from a running target attitude of a running machine body is detected by a piezoelectric element type gyro sensor 17 for executing a detecting operation at the time when change acceleration is higher than a set value, and an optical fiber type gyro sensor 18 for executing the detecting operation at the time when the change acceleration is lower than the set value, and a steering cylinder 10 is formed so as to execute automatic control in accordance with a result of detection by each sensor 17, 18 so that the running machine body runs along the target direction.

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